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WORK EXPERIENCE

SOFTWARE ENGINEER II (AMPLITUDE)   **JULY 2021 – PRESENT**

- Worked on the Infrastructure and Integration team to help build an end to end integration ecosystem, allowing manual and automated data ingestion and export at scale.

FULL STACK ENGINEER (HATCHWAYS)   **MAR 2020 – JULY 2021**

- Hatchways is an early stage startup that matches software engineers with jobs by assessing them on projects and providing interview preparation
- Developed new functionality on the Flask backend by creating endpoints, middleware, and using Google Cloud NDB
- Implemented new user flows and responsive pages on the frontend using React and Material-UI
- Modularized frontend by creating new components when page sections are repeated
- Automated outreach tasks using Python Selenium

SOFTWARE ENGINEER INTERN (ALTUMVIEW SYSTEMS)   **MAY 2019 – AUG 2019**

- Collaborated in a team of 6 on an Android and iOS app using Xamarin Forms
- Wrote unit, functional, and integrated tests to ensure proper app function
- Created a caching algorithm and abstracted it into a class, increasing app modularity and maintainability

SOFTWARE ENGINEER INTERN (ALTUMVIEW SYSTEMS)   **JAN 2019 – APR 2019**

- Individually designed and built a configurable AI Robot that uses deep learning to detect and chase people, animals, or objects – Video: Vimeo.com/363058196
- Drove decision making for the robot with a multithreaded program that combines sensor data, camera input, and TensorFlow Lite powered deep learning

PROJECT MANAGEMENT INTERN (ALTUMVIEW SYSTEMS)   **MAY 2018 – SEP 2018**

- Defined features, created user stories and wrote two product requirement documents, resulting in a clear direction for the projects

PROJECTS

NWHACKS 2020 PROJECT (VIBECHECK – CURATED MUSIC)   **JAN 2020**

- Developed a flask server with endpoints to deliver payloads between front and back-end

DUBHACKS 2019 PROJECT (TIDBITS - MOOD TRACKER) – AZURE PRIZE FINALIST   **OCT 2019**

- Integrated Azure NLP sentiment analysis and entity extraction services into app with Python classes

ACCOMPLISHMENTS

FINALIST – CANADA-WIDE CODE TO WIN COMPETITION – TOP 50 IN CANADA   **JAN 2020**

SKILLS/KNOWLEDGE

LANGUAGES AND TECHNOLOGIES: Python | Javascript | React | Redux | C# | C++ | Django | Git | Docker

EDUCATION

B. SCIENCE – COMPUTING SCIENCE, SIMON FRASER UNIVERSITY, APRIL 2020

B. ARTS - PSYCHOLOGY, SIMON FRASER UNIVERSITY, FEBRUARY 2015